has attained great eminence in his art, and been honoured with medals in Paris. Some years ago, when crossing the Atlantic, he invented his telegraphic system, and ever since has thought of little else. He had scarcely succeeded, before there were attempts to vary his principle, and change the form of its application. The most serious opposition has been on the part of an American of the name of Horn. His telegraph prints the communication on slips of paper. The letters are stamped by electricity, and the connection is closed or opened by means of a keyboard. The cylinder on which the types are set revolves, however, by mechanical power. The words of Mr. Morse's patent cover every design for printing letters as well as making arbitrary characters, and it remains to be seen how far the courts will follow its intention. Mr. Bain has also his plans before the public, but as yet he has obtained no patent in this country, in consequence of Mr. Morse having entered a caveat at the patent-office."

VENTILATION OF ROOMS.—Touching a letter thus headed in our last number but one, we have received four or five communications, recommending the use of Arnott's chimney valve. We have so often mentioned this excellent arrangement for getting rid of the vitiated air, and urged its more general adoption, especially where gas is burnt, that it ought to be unnecessary for us again to allude to it. Modifications of the Buildings Act are required to admit in London of more extensive measures for ventilation on the same principle, and will, we have little doubt, force their way as public opinion on the subject gets stronger.

LEICESTER CEMETERY COMPETITION.—The selected plan is by Messrs. Hamilton and Medland. The decision was not arrived at without sundry assertions of unfairness on the part of members of the council.

TO CORRESPONDENTS.

"*Publications of Electro-Telegraphic News.*"—By the inadvertency of a correspondent in whose accuracy of intelligence we have reason to confide, the subject of a disagreement which occurred at *Manchester*, was made to apply to *Liverpool* in a late number of THE BUILDER. The object of the paragraph referring to that disagreement, remains untouched, but we deem it an act of justice to MR. Warburton, superintendant, of the Liverpool Exchange, at once to insert his denial of any such occurrence at Liverpool.

"*I. A. I.*"—Oxalic acid, or rot-stone and oil, has been recommended for cleaning brass.

"*A Householder.*"—If injury can be proved, the projection of building may be prevented.

Received.—"B. B." "J. G." "L. T." (we will try and call). "T. M. R." (thanks). "Sir T. D." "Secretary, Builth." "Zeta" (we do not remember who laid down the glaciarum; ask at the Colosseum). "W. B." "J. C., Liverpool (will find our views on the subject in present number). "J. L." Lille (may depend on our silence). "J. M." Belton (the patent in question has been mentioned by us). "J. B." (we will wait and see the view about to appear). "J. R." "A. H." (the suggestion has been made before). "G. O." "W. B." (too long ago for us to remember). "Constant Subscriber." "Museum Disneianum:" "Description of Collection of Specimens of Ancient Art in possession of John Disney, Esq., F.R.S. Part II.: Rodwell, Bond-street; "History of Architecture, its present Condition in Europe and the United States," by Mrs. L. C. Tuthill: London, John Chapman, 142, Strand; "A Letter to the Right Hon. Lord John Russell, on Indian Railways," by an East-Indian Merchant, 1846: London, Smith and Elder; "A Treatise on Public Slaughter-Houses, in Connection with the Sanitary Question," by R. B. Grantham, C.E.: Weale, Horn—Renshaw, Strand; "The Architect, Builder, and Contractor's Pocket-book of Prices, &c.," 1849. Weale; "Osmond's Christian Memorials" (last part): Masters, Aldersgate-street, 1848; "Milner's Descriptive Atlas of Astronomy (parts VII. and VIII.): Orr and Co.

"*Books, Prices, and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

PATENT TOUGHENED CAST-IRON. Messrs. GARDEN and MACANDREW beg to call the attention of Architects, Builders, Engineers, Dock-makers, &c., to the above description of IRON (Mr. Morries Stirling's patent), which, after numerous trials, experimental and practical, is found greatly to exceed all other cast-iron in tensile and transverse strength, as well as in resistance to crushing forces. Several of the most extensive iron masters have been licensed, and from them, or their brokers, the patent iron can be procured. Messrs. GARDEN and MACANDREW have always a stock of this iron in pigs, and are ready to execute orders to any extent on the shortest notice.

37, Queen-street, Cheapside, November, 1848

TO BUILDERS, &c.

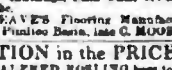
REDUCED PRICES.—COTTAM and HALES, Cornwall-road, Lambeth, Ironfounders, Smiths, and Manufacturers of every description of Ironwork for building purposes. Kitchen Ranges, with Circular Oven, Boiler, wrought bars, and Light Stoves, 3 feet, £2 2s.; 3 feet 6 inches, £2 12s. 6d.; 4 feet, £3. Cottage Ranges, with Oven and Boiler, 3 feet 3 inches, £2 7s.; 3 feet 6 inch., £2 12s.; 3 feet 9 inches, £2 18s.; 4 feet, £3 3s.; 4 feet 6 inches, £3 6s.; Registers, 5d., 6d., and 9d. per inch. Elliptics 3d. to 6d. per inch. Pipes, Gutters, Columns, Railing, Verandahs, Scale-weights, Gratings, &c., at reduced prices. A discount for cash.

REDUCED PRICES.—WILLIAM CLEAVE, of Wilton-road, Pimlico Basin, begs to acquaint Builders and the Trade that he has now on hand, at his Manufactory (the first of its kind ever established), a very large Assortment of Dry and Well-seasoned OAK AND DEAL PREPARED FLOORING BOARDS and MATCH BOARDING of all sorts, from ¾ inch to 1¼ inch thick, planed to a parallel width and thickness, and at greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash bars, Moulding prepared by Machinery, Laths, &c.

Apply at W. CLEAVE'S Flooring Manufactory and Timber Yard, Wilton-road, Pimlico Basin, late C. MOORE and SON.

A REDUCTION in the PRICE of FLOOR BOARDS.—ALFRED ROSLING begs to inform the Trade and Consumers generally, that he has REDUCED the PRICE, and keeps constantly in stock a large and very general assortment of Prepared Floor Boards and Matched Boarding, issued to a parallel breadth and thickness, and fit for immediate use; also a variety of machine prepared Mouldings, which are finished with great accuracy and attention to quality of workmanship.—Southwark Bridge Wharf, Bankside, and Old Barge Wharf, Upper Ground-street, Blackfriars.

THE LOWEST PRICES for CASH.—T. ADAMS (late S. BAKER), MAHOGANY and TIMBER MERCHANT, Bermondsey New Road, near the Bricklayers' Arms, SEASONED FLOORING, MATCH-BOARDING FIT FOR IMMEDIATE USE, and MOULDINGS prepared by machinery. Cut Deals and Scantling of every dimension. Mahogany, Cedar, Rosewood, Wainscot, Elm, Beech, Oak, &c., in planks, boards, veneers, and logs; Mantle, Oak, and Fir Laths: Wheelwrights' Goods. All wares and prepared goods delivered free of expense except timber. Sawing charged at mill prices. Very extensive Drying Sheds.



MUIR'S PATENT PLANING MACHINE.

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, PLANK, DEALS, and BATTENS, &c., Sawn on the most approved principle. Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of navigation and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks and carted home free of charge.

Address to HENRY SOUTHAM, Saw Mills, Gillingham-street, Pimlico.

N.B. Estimates given for Sawing and Planing.

WOOD THOROUGHLY SEASONED in DAYS instead of YEARS, by DAVISON and SYMINGTON'S PATENTED PROCESS, at the Deodorising Decating Company's Establishment for Seasoning, Sawing, and Planing Wood, at the Grand Surrey Mills, immediately adjoining the Commercial and East Country Docks, Rotherhithe. The new process ensures the entire removal of moisture, hardens the grain, prevents further shrinkage, and strengthens the fibre.—For scale of prices, or license to work the patent, or any further information, address, post-paid, or apply to ANGUS JENNINGS, Secretary.

The Patent Decorating Company's offices are REMOVED from 28, New Broad-street to No. 21, GRACECHURCH-STREET, CITY. The Company's Agents are—Mr. WM. LANE, Orrell-buildings, Manchester (sole of Stockport); Messrs. RANDOLPH, ELLIOT, and Co., Glasgow; Messrs. CLIFFORD and BROWN, Hull.

TIMBER-PRESERVING COMPANY.—PAYNE'S PATENTS for the PRESERVATION of TIMBER AGAINST DRY ROT, FIRE, RAVAGES of WORMS, &c.—The above Company are ready to enter into arrangements for the Preparation of Timber at any of their undermentioned stations, viz.:—

Whitehall Wharf, West-minster,	Lynn,
Fleet-wood-on-Wyre,	Staines,
Wisbech,	Guildford,
Gateshead,	Southampton,
Barnstaple,	Harlesford,
Leicester,	Darlington;

and they will erect the necessary apparatus wherever there is a considerable quantity of timber to be prepared.—Further particulars, with prices, may be obtained at the London Works, Whitehall Wharf, Canbon row, Westminster.

PLATE GLASS.—THE BIRMINGHAM PLATE GLASS COMPANY, Smethwick, near Birmingham, and 141, Fleet-street, London, supply silvered, polished, picture, and coach plate glass of first-rate quality, and on the most advantageous terms. ESTIMATES for SHOP FRONTS, &c., with samples of the glass, forwarded on application, to any part of the kingdom.

THE UNION PLATE GLASS COMPANY beg to call the attention of architects, surveyors, builders, large consumers, and the trade generally, to the quality, colour, and substance of their highly-finished glass and as the discounts vary according to size, they prefer giving a special estimate for each quantity required. To encourage the use of Plate Glass for glazing purposes the price is considerably reduced, which will, for its durability and appearance, insure the preference to any other description.

ROUGH PLATE GLASS supplied for skylights, warehouses, workshops, and flooring, 3-16ths, ¼, and ⅜ inch thick.

London Warehouse, 88, Hatton-garden, Holborn.

H. CHRISTIE, Agent.

SOHO PLATE GLASS COMPANY, CROWN, SHEET, PATENT PLATE and ORNAMENTAL GLASS MANUFACTURERS.—ALFRED GARNETT begs to call the attention of Builders and the Trade to the following quotations:—

Thirds Crown, per crate as tables		£3	3 4
Fourths "	"	3	7 10
"	"	3	1 0
CCC "	"	1	14 0
Horticultural, 12 oz. sheet,	per crate, 3rd, per foot.		
Fourths,	ditto ditto 3rd.		
Horticultural, 16 oz. ditto,	ditto 3rd.		
Fourths,	ditto ditto 3rd		
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Fourths,	ditto ditto 5th.		
Double,	26 oz. ditto, ditto 6th.		
Ditto,	32 oz. ditto, ditto 7th.		

Ornamental Glass of very superior patterns, from 1s. 2d. per super. foot, cut to order; or in stock sizes. A separate tariff for Patent Plate at the lately reduced prices, will be forwarded upon application.

Plate Glass, for glazing purposes, at very reduced prices. Rough Plate ¼, ⅜, ½, and ¾ inch thick.

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NEW TARIFF.—Sheet in various large dimensions delivered free in London.

Common in 100 feet cases			23s. 0d.
16s.	20s.	do.	28s. 0d.
Thirds	20s.	do.	28s. 0d.
Seconds	20s.	do.	40s. 0d.
Best very superior do.			50s. 0d.

ROUGH PLATE GLASS for WINDOWS, SKYLIGHTS, and FLOORS in sizes not exceeding 5 feet superficial.

¼ thick	1s. 6d.	½ inch	2s. 6d.
3-8ths inch	2s. 0d.	¾ inch	3s. 6d. per foot.
1 inch	4s. 6d.		

PATENT ROUGH PLATE TILES.

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GLASS DOMES for SKYLIGHTS, from 15 to 36 inches in diameter. These are well worth notice.

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CC do.	do.	1 3 0
Fourths do.	do.	1 0 0
Thirds do.	do.	1 3 6
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8 by 6 — in 50 do		2d. do.

Very superior Plate for Pictures and Windows, averaging 30oz. from 1s. 6d. per foot upwards.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public, that I have now completed a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPERFICIAL and borders from SIXPENCE PER FOOT RUN. A large assortment of the cheapest patterns always in stock. Parties waited upon with the most moderate terms.—CHARLES LONG, No. 1, King-street, Baker-street, Portman-square.—Cash only.

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CHAS. WM. WATERLOW, MANUFACTURER,

of Sashes and Frames, and Jasper to the Trade, 181, Bunhill-row, Finsbury-square.—Well-seasoned materials, superior workmanship, lowest prices.—Upwards of 400 PATTERNS, and a large variety of Sashes and Frames always on sale. Glazed goods securely packed for the country. Steam-dried Mouldings to any quantity.—N.B. This Establishment is worth the notice of all engaged in building.

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PAVING, 2s. 9d. PER SQUARE YARD. Basements, Foot-walks, Malt-houses, Corn Stores, Floors of Warehouses, and every description of Pavement laid down at the above low price, and the work guaranteed.—Apply to JOHN PILKINGTON, DOLINCEAUX BITUMEN PAVEMENT OFFICE, 13, WHARF-ROAD, CITY-ROAD.—N.B. Country Agents and Railway Engineers and Contractors supplied with the best bitumen for covering bridges and arches.

ANSTONE STONE WHARF, STANGATE.—Mr. GRISSELL has the honour to inform Architects and Builders that he has made arrangements for the SUPPLY of the ANSTONE STONE for all building purposes, and which can now be seen at the above wharf by application to Mr. W. G. WAKELEY, of whom every necessary information can be obtained.—August 5th, 1848.

ANSTON STONE, used for Building the New Houses of Parliament.—W. WRIGHT and Co beg to inform Architects, Engineers, Builders, and others, the Anston Stone can be supplied to any quantity on the shortest notice. This valuable stone, so celebrated for its durability, colour, and texture, is well known, having been selected in preference to all others, by the Commissioners of Woods and Forests, for building the New Houses of Parliament. It is very superior for Monumental Tombs, &c., &c.

W. Wright and Co. have made arrangements to have a stock always on hand at the Marble and Stone Wharf, Hereford-street, Maiden-lane, King's-cross.—Any further information can be obtained on application to W. WRIGHT and Co., Anston, near Sheffield; or to T. SHARP, their Sole Agent in London, 7, Burton-crescent.

CAEN STONE.—Original Sufferance Depôt, Norway Wharf, Greenwich.—W. TUCKWELL, Caen Stone Quarry Proprietor and Importer, begs to invite the attention of Architects, Surveyors, Builders, and others to the Stock of CAEN STONE on his Wharf, he is prepared by constant arrivals to execute orders to any extent on the most advantageous terms.—Shipments made to any port direct from his quarries at Caen.—Orders received at the Wharf, as above, also at the Offices of R. A. WITHALL, Surveyor, 20, Champside, where further information and samples may be obtained.

CAEN STONE, from the first Quarries of Allemagne. Depôt at the Whitby and Poutch Wharf, 16, Fore-street, Limehouse.

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SAMUEL CUNDY, Mason and Builder, PIMLICO MARBLE and STONE WORKS, Belgrave Wharf, Pimlico, begs to inform Architects and the Public that MASONIC WORK, in all its branches, is executed on the most reasonable terms, in such manner as must meet the views of his Patrons.

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